

Notice of Allowability

Application No.

10/679,884

Applicant(s)

KESHET, RENATO

Examiner

Douglas Q. Tran

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/06/03.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

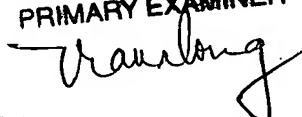
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 10/06/03
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DOUGLAS Q. TRAN
PRIMARY EXAMINER



Allowable Subject Matter

1. Claims 1-24 are allowed.

Claims 1, 12, 17, 21 are independent claims.

The following is an examiner's statement of reasons for allowance:

As to claims 1, 12, 17 and 21, the present invention from the application discloses a system and method comprises “altering the obtained corrupted image; determining a plurality of parameters of a parametric mapping operator for **mapping the obtained altered image into the obtained corrupted image**; and utilizing the plurality of parameters to map the corrupted image into an output image”.

The closest prior art such as Kaltenbach et al. (U.S. Pub. No. 2003/0234960 A1) and Kuwata et al. (U.S. Patent No. 6,914,628 B1) and Yamazaki (US Pub. No. 2002/0027599 A1), which is recorded on the Examiner's Remark, fails to anticipate or render the above underlined limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Examiner's Remark

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Yamazaki (US Pub. No. 2002/0027599 A1) discloses Apparatuses are provided such as a blur correction apparatus for limiting operation of a blur correction in accordance with the size of a vibration detected by a vibration detection means, a time period for the taking of an image and the frequency of the vibration.

Jeong et al. (US Pub. No. 2003/0048242 A1) discloses a first prime diffusion filter processor converting the digital image data by using a specified first prime diffusion filter coefficient on the digital image data output by the image signal processor, then outputting a result of this process; an error diffusion unit generating final image data by performing an error diffusion process on the image data output from the prime diffusion filter processor by regarding a portion of gray data of the image data as errors and diffusing the errors to the adjacent pixels by a predetermined amount corresponding to each adjacent pixel; a second prime diffusion filter processor converting the image data having undergone the error diffusion process by using a specified second prime diffusion filter coefficient on the image data having undergone the error diffusion process by the error diffusion unit, then outputting resulting final image data.

Kuwata et al.(U.S. Patent No. 6,914,628 B1) discloses an image processing apparatus which performs image processing on image data consisting of dot-matrixed pixels, generated by obtaining image data by a single-plate solid image pickup device where a plurality of color filters of element color components are arranged in mosaic in a nonuniform densities and

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supplementing the image data by calculation to change the nonuniform densities to uniform densities, the apparatus comprising: a color-blur pixel detection unit which detects a color blur pixel in the image data; and an image processing unit which performs image processing on pixels within a predetermined range having the detected color blur pixel as a reference pixel, so as to reduce a color blur.

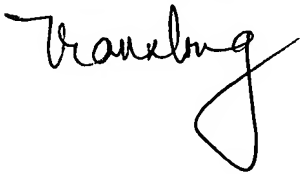
Kaltenbach et al. (U.S. Pub. No. 2003/0234960 A1) discloses an automatic print inspection method in which photographic prints are scanned to obtain digitized images which is compared to the original captured image. The resulting digital correction data indicates whether or not there are defects in the printer process.

Contact information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas Q. Tran whose telephone number is (571) 272-7442.

June 04, 2007

DOUGLAS Q. TRAN
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to read 'Douglas Q. Tran', with a stylized, looping flourish at the end.